

**Table A-1b.** National Air Quality Trends Statistics for Criteria Pollutants, 1990–1999

Statistic	# of Sites	Units	Percentile	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Carbon Monoxide</b>													
2nd Max. 8-hr.	388	ppm	95th	10.5	9.9	8.9	8.4	8.3	7.9	7.7	6.9	7.0	6.5
2nd Max. 8-hr.	388	ppm	90th	8.9	8.9	8.0	7.4	7.7	6.7	6.7	6.1	5.8	5.6
2nd Max. 8-hr.	388	ppm	75th	7.2	7.2	6.6	6.1	6.2	5.7	5.2	5.0	4.7	4.5
2nd Max. 8-hr.	388	ppm	50th	5.5	5.3	5.0	4.8	5.0	4.3	4.0	3.8	3.6	3.6
2nd Max. 8-hr.	388	ppm	25th	4.2	4.0	3.8	3.7	3.9	3.3	3.0	2.9	2.8	2.6
2nd Max. 8-hr.	388	ppm	10th	3.1	2.9	2.8	2.8	2.7	2.5	2.3	2.1	2.1	2.0
2nd Max. 8-hr.	388	ppm	5th	2.5	2.3	2.3	2.2	2.2	2.2	2.0	1.7	1.8	1.6
2nd Max. 8-hr.	388	ppm	Arith. Mean	5.8	5.7	5.3	5.0	5.1	4.6	4.3	4.0	3.8	3.7
<b>Lead</b>													
Max. Qtr. AM	175	µg/m³	95th	0.40	0.25	0.19	0.18	0.15	0.16	0.14	0.12	0.13	0.10
Max. Qtr. AM	175	µg/m³	90th	0.18	0.16	0.14	0.11	0.10	0.09	0.09	0.09	0.09	0.08
Max. Qtr. AM	175	µg/m³	75th	0.09	0.08	0.07	0.07	0.06	0.05	0.05	0.04	0.04	0.05
Max. Qtr. AM	175	µg/m³	50th	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02
Max. Qtr. AM	175	µg/m³	25th	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
Max. Qtr. AM	175	µg/m³	10th	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max. Qtr. AM	175	µg/m³	5th	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max. Qtr. AM	175	µg/m³	Arith. Mean	0.10	0.08	0.06	0.06	0.05	0.05	0.04	0.04	0.04	0.04
<b>Nitrogen Dioxide</b>													
Arith. Mean	230	ppm	95th	0.039	0.043	0.038	0.037	0.040	0.039	0.037	0.034	0.035	0.035
Arith. Mean	230	ppm	90th	0.033	0.032	0.032	0.031	0.032	0.031	0.031	0.030	0.031	0.030
Arith. Mean	230	ppm	75th	0.025	0.025	0.024	0.024	0.024	0.023	0.023	0.022	0.023	0.023
Arith. Mean	230	ppm	50th	0.018	0.018	0.018	0.018	0.019	0.018	0.018	0.017	0.017	0.017
Arith. Mean	230	ppm	25th	0.013	0.012	0.012	0.012	0.013	0.012	0.012	0.012	0.012	0.012
Arith. Mean	230	ppm	10th	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.007
Arith. Mean	230	ppm	5th	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
Arith. Mean	230	ppm	Arith. Mean	0.020	0.019	0.019	0.019	0.020	0.019	0.018	0.018	0.018	0.018
<b>Ozone</b>													
2nd Max. 1-hr.	703	ppm	95th	0.170	0.170	0.159	0.150	0.147	0.149	0.141	0.142	0.150	0.139
2nd Max. 1-hr.	703	ppm	90th	0.144	0.147	0.130	0.137	0.129	0.139	0.126	0.130	0.133	0.130
2nd Max. 1-hr.	703	ppm	75th	0.120	0.122	0.112	0.120	0.117	0.123	0.114	0.116	0.119	0.118
2nd Max. 1-hr.	703	ppm	50th	0.107	0.107	0.099	0.104	0.104	0.110	0.103	0.103	0.109	0.107
2nd Max. 1-hr.	703	ppm	25th	0.093	0.093	0.090	0.091	0.092	0.098	0.093	0.091	0.097	0.095
2nd Max. 1-hr.	703	ppm	10th	0.083	0.082	0.082	0.080	0.083	0.086	0.084	0.081	0.086	0.085
2nd Max. 1-hr.	703	ppm	5th	0.075	0.076	0.077	0.075	0.077	0.079	0.079	0.075	0.077	0.077
2nd Max. 1-hr.	703	ppm	Arith. Mean	0.112	0.112	0.105	0.108	0.107	0.112	0.105	0.105	0.110	0.107
4th Max. 8-hr.	703	ppm	95th	0.115	0.115	0.107	0.110	0.106	0.112	0.103	0.105	0.110	0.105
4th Max. 8-hr.	703	ppm	90th	0.105	0.108	0.097	0.101	0.098	0.107	0.097	0.100	0.102	0.102
4th Max. 8-hr.	703	ppm	75th	0.093	0.096	0.087	0.090	0.090	0.096	0.090	0.091	0.095	0.095
4th Max. 8-hr.	703	ppm	50th	0.083	0.084	0.079	0.081	0.082	0.088	0.082	0.082	0.087	0.087
4th Max. 8-hr.	703	ppm	25th	0.074	0.073	0.073	0.073	0.074	0.077	0.075	0.073	0.077	0.077
4th Max. 8-hr.	703	ppm	10th	0.066	0.065	0.066	0.063	0.067	0.068	0.068	0.065	0.069	0.067
4th Max. 8-hr.	703	ppm	5th	0.060	0.059	0.061	0.059	0.061	0.062	0.062	0.059	0.060	0.061
<b>4th Max. 8-hr.</b>	<b>703</b>	<b>ppm</b>	<b>Arith. Mean</b>	<b>0.085</b>	<b>0.086</b>	<b>0.081</b>	<b>0.083</b>	<b>0.084</b>	<b>0.087</b>	<b>0.083</b>	<b>0.082</b>	<b>0.086</b>	<b>0.085</b>

**Table A-1b.** National Air Quality Trends Statistics for Criteria Pollutants, 1990–1999 (continued)

Statistic	# of Sites	Units	Percentile	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b><i>PM<sub>10</sub></i></b>													
Annual Avg.	954	µg/m <sup>3</sup>	95th	45.9	45.5	41.7	40.5	39.4	38.4	37.4	37.5	35.5	39.7
Annual Avg.	954	µg/m <sup>3</sup>	90th	39.6	39.8	36.3	35.8	36.2	34.6	33.0	32.2	31.7	32.7
Annual Avg.	954	µg/m <sup>3</sup>	75th	33.9	33.5	30.9	30.1	30.3	29.0	27.6	27.1	27.5	27.6
Annual Avg.	954	µg/m <sup>3</sup>	50th	28.1	28.0	25.7	25.2	25.4	24.2	22.9	22.9	23.4	23.0
Annual Avg.	954	µg/m <sup>3</sup>	25th	23.2	23.4	22.0	21.0	20.9	19.7	19.3	19.3	19.2	19.1
Annual Avg.	954	µg/m <sup>3</sup>	10th	18.8	18.3	17.7	16.9	16.7	15.6	16.1	15.6	15.2	15.0
Annual Avg.	954	µg/m <sup>3</sup>	5th	16.1	15.2	14.7	13.5	13.4	12.6	13.2	12.7	12.9	12.9
Annual Avg.	954	µg/m <sup>3</sup>	Arith. Mean	29.2	29.0	26.8	26.0	26.0	24.8	24.0	23.8	23.6	23.9
<b><i>Sulfur Dioxide</i></b>													
Arith. Mean	480	ppm	95th	0.0176	0.0162	0.0154	0.0154	0.0143	0.0116	0.0113	0.0107	0.0106	0.0103
Arith. Mean	480	ppm	90th	0.0146	0.0140	0.0129	0.0126	0.0123	0.0101	0.0097	0.0091	0.0095	0.0089
Arith. Mean	480	ppm	75th	0.0108	0.0100	0.0095	0.0093	0.0091	0.0074	0.0074	0.0071	0.0070	0.0068
Arith. Mean	480	ppm	50th	0.0077	0.0075	0.0068	0.0067	0.0065	0.0051	0.0053	0.0051	0.0049	0.0048
Arith. Mean	480	ppm	25th	0.0043	0.0044	0.0042	0.0039	0.0037	0.0032	0.0032	0.0031	0.0032	0.0032
Arith. Mean	480	ppm	10th	0.0022	0.0022	0.0020	0.0022	0.0020	0.0018	0.0019	0.0018	0.0019	0.0019
Arith. Mean	480	ppm	5th	0.0014	0.0015	0.0014	0.0015	0.0015	0.0014	0.0014	0.0014	0.0014	0.0014
Arith. Mean	480	ppm	Arith. Mean	0.0081	0.0079	0.0073	0.0072	0.0069	0.0056	0.0056	0.0054	0.0053	0.0052
2nd Max. 24-hr.	481	ppm	95th	0.0870	0.0750	0.0750	0.0720	0.0720	0.0570	0.0600	0.0520	0.0520	0.0520
2nd Max. 24-hr.	481	ppm	90th	0.0660	0.0630	0.0620	0.0590	0.0620	0.0480	0.0470	0.0450	0.0440	0.0410
2nd Max. 24-hr.	481	ppm	75th	0.0480	0.0440	0.0440	0.0420	0.0450	0.0330	0.0330	0.0330	0.0310	0.0290
2nd Max. 24-hr.	481	ppm	50th	0.0330	0.0320	0.0300	0.0280	0.0330	0.0220	0.0230	0.0230	0.0220	0.0210
2nd Max. 24-hr.	481	ppm	25th	0.0200	0.0200	0.0190	0.0190	0.0190	0.0150	0.0150	0.0140	0.0140	0.0140
2nd Max. 24-hr.	481	ppm	10th	0.0100	0.0100	0.0100	0.0100	0.0090	0.0080	0.0090	0.0070	0.0070	0.0070
2nd Max. 24-hr.	481	ppm	5th	0.0060	0.0070	0.0060	0.0060	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
2nd Max. 24-hr.	481	ppm	Arith. Mean	0.0376	0.0350	0.0340	0.0328	0.0343	0.0259	0.0263	0.0251	0.0242	0.0233